

PROGRAM

```
name=input('enter name-----')
mobile=int(input('mobile number_____'))
mail=input("e mail address-----")
t=input("state and city-----")
import csv

#menu driven programme
print('1.selling cars','2.colour of car','3.display the cars','4.payment')
choice=int(input('enter your choice (1-3)'))
if choice== 1:
    with open("kcar.csv","w") as fl:
        w=csv.writer(fl)
        w.writerow(['car','price','milage','engine','seatings','bootspace','fuel','yrs'])
        c=input("car name....")
        price=int(input("price...."))
        milage=int(input("milage....."))
        engine=int(input("engine...."))
        seatings= int(input("seats....."))
        bootspace=int(input("bootspace....."))
        fuel=input("fuel type....")
        yrs=int(input("years...."))
        rec=[car,price,milage,engine,seatings,bootspace,fuel,yrs]
        w.writerow(rec)
        print("car is sucessfully enlisted for selling")

if choice==2:
    f1=open('customization.csv','w+')
```

```
print('_____customization of car_____')
cChecker=False
while cChecker == False:
    num=int(input("option 1.for exterior and 2.for interior"))
    if num == 1:
        entry = input('Please enter the exterior colour (press help to view list of acceptable colours): ')
    elif num == 2:
        entry = input('Please enter the interior colour (press help to view list of acceptable colours): ')
    if entry.lower() == 'help':
        record=(entry)
        print('\nList of acceptable colours: ')
    for row in entry:
        print(row)
    cChecker = True
```

```
if choice==3:
    with open('kompalcar.csv', 'r') as csvFile:
        readCSV = csv.reader(csvFile)
        for rec in readCSV:
            print(rec)
            print('-----\n')
```

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if choice ==4:
    num = 0
    while True:
        try:
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```

    DIN = int(input('Please enter the Dealer Inventory Number of the vehicle you would like to
purchase: '))

except ValueError:

    print('Error!'); continue

if DIN<1000 or DIN>9999:

    print('Error!'); continue

else:

    break

with open('kompalcar.csv', 'r') as File:

    read = csv.reader(File)

    for row in read:

        num+=1

        if str(DIN) == row['inventory']:

            print('\nVehicle: ', row['CAR'], row['NAME'] + ' Price:', row[' PRICE'])

            while True:

                try:

                    credit = int(input('Please enter your four digit credit card number: '))

                except ValueError:

                    print('Error!')

                    continue

                if credit<1000 or credit>9999:

                    print('Error!')

                    continue

                else:

                    break

            print('Congratulations! Enjoy your new vehicle!')

```

OUTPUT:

Choice==1

enter name-----reshma

mobile number_____3421567345

email address-----reshma@gmail.com

state and city-----chennai

1.selling cars 2.colour of car 3.display the cars 4.payment

enter your choice (1-3)1

car namemahindra

price of car200000

milage....123

engine...234

seats...2

bootspace....234

type of fuel....deisel

no of years the car was used....8

car sucessfully enlisted for selling

choice==2

enter name-----reshma

mobile number_____2345234576

email address-----reshma@gmail.com

state and city-----1.selling cars 2.colour of car 3.display the cars 4.payment

enter your choice (1-3)2

_____customization of car_____

option 1.for exterior and 2.for interior1

Please enter the exterior colour (press help to view list of acceptable colours): blue

b

l

u

e

Choice==3

enter name-----kompal

mobile number_____984034567

e mail adress-----kamal.com

state and city-----tamil nadu chennai

1.selling cars 2.colour of car 3.display the cars 4.payment

enter your choice (1-3)3

['CAR ', 'NAME\t', ' PRICE', '\t MILAGE(KM/L)', '\t ENGINE(CC)', '\t SEATING', ' BOOTSPACE(L)', ' FUEL', '\tNO.OFCYLINDER ', 'SERVICECOST\t', 'inventory']

['maruti ', 'swift\t', '5.85l', '\t23.76', '\t1197cc', '\t5', '\t268', '\tpetrol', '\t4', '\tRs.4703(5yrs)\t', '1234']

['BMW', ' iX\t', '1.16cr', ' ', '-', '1995-1998cc\t', '5', '\t500l', '\telectric\t', '4', '\t-\t', ' ', '1000']

['maruti ', 'celero\tRs4.99l\t', '26.68\t', '998cc\t', '5\t', '313\t', 'petrol\t', '3\t', '-\t', ' ', '1287']

['tata', ' punch\t5.49L', '\t14.42', '\t 84.48BHP@6000RPM\t', '5\t', '366\t', 'PETROL', '\t3', '\t\t', ' ', '1298']

['mahindra', 'TUV300\t8.59L', '\t18.49KM', '\t14903CC', '\t7\t', '384', '\tDEISEL', '\t-\t', 'Rs.36879', '\t', '1456']

['mahindra', 'XUV500\t', '14.2L\t', '15\t', '2179CC\t', '7\t', '720\t', 'DEISELANDPETROL\t', '-\t', '32740\t', '1890']

['mahindra', 'XUV700', '\t12.49L', '\t12', '\t 2198CC', '\t7', '\t - \t', 'DEISELANDPETROL', '\t4', '\t\t', '1244']

['mahindra', 'SCORPIO\t', '12.81\t', '15\t', '2179CC\t', '7-9\t', '460\t', 'DIESEL\t', '4\t', '3794(PER PER YEAR) \t', '1888']

['mahindra', 'THAR\t', '12.78L', '\t15.2', '\t2184CC', '\t4\t', '- ', '\tDEISEL', '\t4', '\t\t', '1276']

['toyota ', 'INNOVACRISTA', '17.18L', '12', '2694CC', '8', '300', 'DEISEL', '4', '\t\t', '1999']

['toyota ', 'FORTUNER\t', '30.73L', '10', '2750CC', '7', '-', 'DEISEL', '4', 'Rs.31720\t', '1400']

['jeep', 'COMPASS', '17.79L', '14.9', '17', '1956CC\t', '5', '- ', 'DEISEL ', '4Rs.10680', '1451']

['AUDI ', 'A4', '39.9L ', '17.42', '1998CC ', '5', '460', 'PETROL', '4', '\t\t\t\t\t\t\t', '1432']

['AUDI ', 'A3', '29.20L', '20.38', '1968CC ', '5', '425', 'PETROL', '4', '\t\t\t\t\t', '1221']

['AUDI ', 'A6\t', '57.7L', '14.11', '1984CC', '5', '560', 'PETROL', '5', '\t\t\t\t\t', '1224']

['AUDI ', 'R8', '2.72CR', '5.71', '5204CC', '2', '226', 'PETROL', '10', '\t\t\t\t\t', '1223']

['rollsroyce', ' CULLINAN ', '6.95CR', '9.5', '6750CC', '5', '560', 'PETROL', '12', '\t\t\t\t\t\t\t', '1336']

['bentley ', 'BENTYAGA\t', '4.10CR ', '4.61', '3956CC', '4', '484', 'PETROL', '8', '\t\t\t\t\t\t\t', '1775']

['hyundai ', 'SANTRO', '4.76L', '20.3', '1086CC', '5', '235', 'PETROL', '4', 'Rs.2429(5YRS)\t\t\t\t\t\t\t', '1239']

['hyundai ', 'i20 ', '6.91L', '21.0', '1197CC', '5', '311', 'PETROL', '4', 'Rs.2851(5YRS)\t\t\t\t\t\t\t', '1119']

['hyundai ', 'i10 ', '4.97L', '17', '1197CC', '5', '256', 'PETROL', '4', '\t\t\t\t\t\t\t\t\t', '12389']

['hyundai ', ' CRETA ', ' 10.16L', '16.8', '1353CC', '5', '433', 'PETROL', '4', 'Rs.3225(5yrs)\t\t\t\t\t\t\t\t\t', '1267']

Choice== 4

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Please enter the Dealer Inventory Number of the vehicle you would like to purchase: 1999